Field Service Bulletin No. 16

Order No.: DD+DIS082.01E

1 piece ULVLX MA1

ADC Solo
Type 5155 / 100

Path Speed CR SP1001
Type 5155 / 200

Rating			When?		
safety relevant	reliability	new function	immediately	next service	as required
	X				X

Please file this document in section 13 of your technical documentation

Error Message 247a7 (247AA from SOL_1213 on)

"IP-jam in scanner" occurs frequently

List of Contents

1 Symptom 2

2 Possible Defects and Solutions 2

2.1.1 Dirty Scan Rollers 2
2.1.2 Scan Rollers not engaged 2
2.1.3 Clutch (M402) slips 2

3 Scanner Position Optimization 3

printed in Germany 04 / 2001

1 Symptom

The IP gets caught in the scan unit. The display shows "IP-jam in scanner", error message 247a7 (247AA from SOL_1213 on)
If this is the case frequently, first check the next four reasons. If the problem is still existing you have to adjust the scanner position at the upper clamping element as described in 3.

2 Possible Defects and Solutions

2.1.1 Dirty Scan Rollers

Defect: Due to emissions during the first weeks of usage the scan rollers may get dirty. As a result the coefficient of friction decreases and the IP cannot be transported to the top again.
Solution: Clean the scan rollers with ADC Cleaner and a lint-free cloth. If there is no ADC Cleaner available use Isopropanol or Ethanol.

If this is very frequently necessary remove the scanner like documented and clean the rollers thoroughly.

2.1.2 Scan Rollers not engaged

Defect: The lower scan roller has not engaged properly in the C-clip or C-clip is damaged.
Solution: Check the C-clip and engage it again in the right way.

If the C-clip is damaged, the complete scan unit has to be exchanged.

2.1.3 Clutch (M402) slips

Defect: The clutch (see section 8/12, No. 10) at M402 slips. One or more screws are broken or not tightened sufficiently.
Solution: Check the proper function of the clutch: If you turn the clutch manually, the scan rollers must move as well.

3 Scanner Position Optimization

The following is a critical adjustment. Do only carry out if you are used to this procedure. Please contact MI-CSO before starting this procedure.

Defect: The scanner is adjusted wrongly, because the clamping elements in general have changed their geometric or material property.

Carry out this adjustment only with digitizers showing this problem frequently !

Solution: Adjust the scanner position with the following steps:

(1) Prepare a 15 x 30 cm resp. 18 x 24 cm Cassette with an IP inside

(2) Remove both side panels and bridge the interlock switch with the service key

(3) Switch on the digitizer

(4) Mark with a permanent marker or a scriber the fastening nut and the fastening plate at the front of the left side of the digitizer. The mark makes it easy to count the turns of the nut.

Figure 1
View from left side with upper scan fastening (circle)

(5) Turn the marked nut with an open-end wrench (13 mm) one complete turn counterclockwise. The scanner tilts to the left side, view at the input slot.

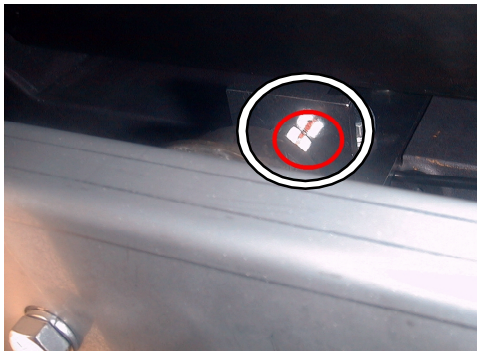

Figure 2
Marked nut position

(6) Retighten the nut behind the fastening plate, mounted on the thread of the clamper.

Figure 3
Open-end wrench (13 mm)

(7) Set **<Test cycle without Scan>** at the display of the digitizer. Set the number of cycles to 1 and start a test cycle with 15 x 30 cm resp. 18 x 24 cm.

(8) Is the IP transported and sucked correctly, repeat the steps (5) to (7) as long as the IP is no more sucked or transported into the cassette.

Is the IP no longer sucked or only partly sucked, switch off the digitizer. Loosen the nut behind the fastening plate, mounted on the thread of the clamper and turn the marked nut one complete turn clockwise.

(9) Remove the IP by hand, reset the digitizer and start again a test cycle.

(10) Is the transportation working correctly, turn the marked nut again one complete turn clockwise. Tighten the nut behind the fastening plate.

(11) A test cycle with all cassette formats available at-the-site has to be done.

(12) Remove the service key at the interlock switch and reassemble both side panels.